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PTO/SB/05 (11-00)

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PTO

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Attorney Docket No.	PB324D1
First Inventor	Dillon et al.
Title	Nucleotide Sequence of Escherichia coli Pathogenicity Islands
Express Mail Label No.	

**ADDRESS TO:** Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

JCS21 U.S.P.T.O.  
09/20/01

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original, and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages: 252]  
*(preferred arrangement set forth below)*
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings *(if filed)*
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Informal Drawing(s) (35 U.S.C. 113) [Total Sheets: 2]
5.  Oath or Declaration [Total Pages: 6]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 17 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76. [Total Pages: 3]
7.  CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper [Total Pages : 179]
  - c.  Statements verifying identity of above copies [Total Pages: 1]

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney
11.  English Translation Document *(if applicable)*
12.  Information Disclosure Statement/ Form PTO/SB/08
  - Copies of Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)
   
*(should be specifically itemized)*
15.  Certified Copy of Priority Document(s)
   
*(if foreign priority is claimed)*
16.  Other: (a) Submission of Formal Drawings with Formal Drawings of Figures 1-2 (2 sheets); and (b) Copy of Associate Power of Attorney from Application Serial No. 08/976,259

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-Part (CIP)    of prior application No: 08/976,259

Prior application information: Examiner: Sorbello, E. Group/Art Unit: 1633

For CONTINUATION OR DIVISIONAL APPS only The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 22195 or  Correspondence address below

NAME				
ADDRESS				
CITY	STATE			ZIP CODE
COUNTRY	TELEPHONE			FAX
NAME (Print/Type)	Kenley K. Hoover			Registration No. (Attorney/Agent) 40,302
SIGNATURE				Date September 20, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

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# FEE TRANSMITTAL for FY 2001

*Patent fees are subject to annual revision.*

Total amount of payment

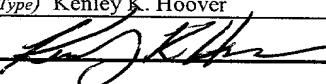
\$1,344.00

*Complete if Known*

Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Dillon et al.
Examiner Name	To be assigned
Group Art Unit	To be assigned
Attorney Docket Number	PB324D1

METHOD OF PAYMENT						FEE CALCULATION (continued)																																																																																																																																																																																																																														
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: <b>Deposit Account Number      08-3425</b> <b>Deposit Account Name      Human Genome Sciences, Inc.</b>						<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>390</td><td>216</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>890</td><td>217</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,390</td><td>218</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,890</td><td>228</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>Petition to revive -unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>Submission of Information Disclosure Statement</td><td></td></tr> <tr><td>581</td><td>40</td><td>481</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>710</td><td>246</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>179</td><td>710</td><td>279</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="6">Multiple Dependent</td><td colspan="6">Other fee (specify):</td></tr> <tr><td colspan="6"></td><td colspan="6">Other fee (specify):</td></tr> <tr><td colspan="6"></td><td colspan="6">Other fee (specify):</td></tr> <tr> <td colspan="6"> <b>SUBTOTAL (1)</b> <b>\$710.00</b> </td> <td colspan="6"> <b>SUBTOTAL (3)</b> <b>\$0.00</b> </td> </tr> <tr> <td colspan="12"> <small>** or number previously paid, if greater. 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**Submitted By***Complete if applicable*

Name (Print/Type) Kenley K. Hoover	Registration No.: 40,302	Telephone 301-610-5771
Signature: 		Date September 26, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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VIA HAND DELIVERY SEPTEMBER 20, 2001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: DILLON et al.

Application Number: To be assigned

Group Art Unit: To be assigned

Filed: Concurrently herewith

Examiner: To be assigned

Title: Nucleotide Sequence of  
*Escherichia coli* Pathogenicity Islands.

Attny. Docket No.: PB324D1

**STATEMENT UNDER 37 C.F.R. § 1.821**

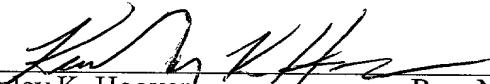
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. § 1.821(f), Applicants hereby certify that the sequence listing information recorded in computer readable form and submitted herewith is identical to the written (on paper) Sequence Listing submitted herewith.

Respectfully submitted,

Dated: September 20, 2001

  
Kenley K. Hoover  
Attorney for Applicants

Reg. No. 40,302

**Human Genome Sciences, Inc.**  
9410 Key West Avenue  
Rockville, MD 20850  
Telephone: 301-610-5771

Enclosures

KKH/MJH/BM

VIA HAND DELIVERY SEPTEMBER 20, 2001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: DILLON et al.

Application Serial No.: To be assigned

Art Unit: To be assigned

Filed: Concurrently herewith

Examiner: To be assigned

For: Nucleotide Sequence of *Escherichia Coli*  
Pathogenicity Islands

Atty. Docket No.: PB324D1

**SUBMISSION OF FORMAL DRAWINGS**

Commissioner for Patents  
Washington, D.C. 20231

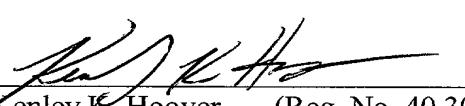
To the Official Draftsperson:

Applicants submit herewith Formal Drawings of Figures 1-2 (two sheets) to replace the informal drawings of Figures 1-2 (two sheets).

No fee is believed due for this submission. In the event that a fee is required in connection with this submission, please charge the required fee to Deposit Account No. 08-3425.

Respectfully submitted,

Dated: September 20, 2001

  
Kenley K. Hoover (Reg. No. 40,302)  
Attorney for Applicants

**Human Genome Sciences, Inc.**  
9410 Key West Avenue  
Rockville, MD 20850  
(301) 610-5771

Enclosures

KKH/MJH/BM/